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APPLICATION NO. 1729, 206000 08/922,462 FORM PTO-1449 APPLICANT DeFrancesco et al. INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE September 3, 1997 2164 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT SUB-DATE CLASS FILING DATE INITIAL NAME NUMBER CLASS $\gamma_{M/}$ 3,970,992 07/1976 172.5 AA1 Boothroyd et al. 340 AB1 4,017,835 04/1977 Randolph 340 152 R mAC1 01/1985 235 375 m 4,491,725 Pritchard 379 AD1 4,600,828 07/1986 Nogami et al. 235 Mnn AE1 4,642,768 02/1987 Roberts 364 408 AF1 4,646,250 02/1987 Childress 364 518 mn m AG1 4,648,037 03/1987 Valentino 364 408 AH1 4,649,832 03/1987 Hain et al. 109 24.1 m m AI1 4,675,815 06/1987 Kuroki et al. 379 37 m AJ1 4,683,536 07/1987 364 408 Yamamoto AK1 4,722,055 01/1988 Roberts 364 408 FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION NUMBER CLASS 0 774 725 A2 05/1997 G06F 17/60 Yes m No JP 5-101250 04/1993 Japan G07D 7/00 Yes m AM1 No Yes AN1 No Yes AO1 No Yes AP1 OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Berzof, Ken, "Kiosk Issues Bank Cards for Those Dashing Through Dough," The AR MM/ 1 Courier-Journal, Vol. 269, No. 155, Pg. 12, Dec. 2, 1989. Capstone Decision Manager: Application Decision Management, HNC Software, 28 AS 1 pages, Publication date unknown. (Missing Pages 8, 12, 22, and 28) m "Car loans in minutes," Bank Management, Bank Administration Institute, Vol. 69, No. 4, April 1993, Pg. A23. EXAMINER DATE CONSIDERED 5/30/01 Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





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APPLICATION NO. 08/922,462 1729.0060001 FORM PTO-1449 APPLICANT DeFrancesco et al. INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE 2164 September 3, 1997 U.S. PATENT DOCUMENTS EXAMINER CLASS SUB-FILING DATE DOCUMENT INITIAL DATE NAME NUMBER CLASS 403 mm 4,730,252 03/1988 Bradshaw 364 AA2 408 AB2 4,752,877 06/1988 Roberts et al. 364 nn 364 408 AC2 4,774,664 09/1988 Campbell et al. nn 12/1989 408 nn AD2 4,890,228 Longfield 364 235 381 mn AE2 4,947,028 08/1990 Gorog 91 nn AF2 4,958,368 09/1990 Parker 379 379 91 m AG2 4,965,821 10/1990 Bishop et al. 401 m 364 AH2 4,992,939 02/1991 Tyler nn 379 91 AI2 5,023,904 06/1991 Kaplan et al. 379 235 mn AJ2 5,025,138 06/1991 Cuervo m Keyser, Jr. et al. 364 408 5,025,373 06/1991 AK2 FOREIGN PATENT DOCUMENTS EXAMINER SUB-TRANSLATION DOCUMENT DATE COUNTRY CLASS INTTTAL NUMBER CLASS Yes No AL2 Yes AM2 No Yes AN2 No Yes A02 No Yes AP2 No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) E-mail Message from Michael J. McEnvoy, Tower Group, to Dennis Warnke, CMSINC, nn AR 2 November 5, 1998, 3 pages. m Evans, Steve, "No Longer Processing Just Plastic," SNLSecurities, January 2000, AS 2 pp.39-40. Lawrence, Jeannette, "(Part 1 of 3) Untangling Neural Nets (When is one model better than another?), " Dr. Dobbs Journal, Miller Freeman Inc., April 1990, 3 2 pages, printed from Internet (http address unclear). DATE CONSIDERED 5/30/01 EXAMINER **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next

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m	AA3	_	49,862	09/1991	Dao et al.	340	706			
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m	AD3	5,1	26,936	06/1992	Champion et al.	364	408	2. 0/		
m	AE3	5,1	98,642	03/1993	Deniger	235	375	~ M		
m	AF3	5,2	02,825	04/1993	Miller et al.	364	405			
m	AG3	5,2	06,803	04/1993	Vitagliano et al.	364	408	6		
m	AH3	5,2	18,539	06/1993	Elphick et al.	364	419	0		
m	AI3	5,2	20,501	06/1993	Lawlor et al.	364	408			
mm,	AJ3	5,2	41,620	08/1993	Ruggiero	395	22			
m	AK3	5,2	97,202	03/1994	Kapp et al.	380	9			
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m	AS	AS 3 Product Description: StrategyWare® Version 1.2, Fair, Isaac and Company, Incorporated, 1998, 60 pages. (Missing Pages 44 and 48)								
m	АТ	3	RiskWise unknown.	Products and	l Services, 2 page brochure	e, Publicatio	on date and	l source		
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m	AA4	5,3	01,320	04/1994	McAtee et al.	395	650	
mn	AB4	5,3	61,201	11/1994	Jost et al.	364	401	
m	AC4	5,3	69,570	11/1994	Parad	364	40	12. 12
nn	AD4		37,315	07/1996	Mitcham	364	408	6. 6
nn	AE4	5,5	59,895	09/1996	Lee et al.	382	119	J. 10/
nn	AF4	5,5	76,951	11/1996	Lockwood	395	227	0
nn	AG4	5,6	04,341	02/1997	Grossi et al.	235	379	
nn	AH4	5,6	11,052	03/1997	Dykstra et al.	705	38	
nn	AI4	5,6	27,978	05/1997	Altom et al.	395	330	
m	AJ4	5,6	99,527	12/1997	Davidson	395	238	
m	AK4		34,837	03/1998	Flores et al.	395	207	
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mn	AE5	5,9	940,812	08/1999	Tengel et al.	705	38	3 '6/
m	AF5	5,9	940,829	08/1999	Tsuiki et al.	707	10	0
m	AG5	5,9	950,169	09/1999	Borghesi et al.	705	4	
mn	AH5	5,9	960,404	09/1999	Chaar et al.	705	8	
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m	AS	<u>5</u>			g for Credit Programs," T stitute, Pg. 75, Nov. 198		of Bank Ma	nagement,
m	ТА	<u>5</u>	Business	nson, "Columb: Journal, Balt: ct. 17, 1988.	ia Firm Helps Banks Ring imore Business Publicatio	Up Loans on	Telephones	s," Baltimore 19, Sec. 2,
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DeFrancesco et al.

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2	Thornton, binge on 5, 1997. The reference continuous in continuous continuou	Thornton, Emily, "Going binge on borrowing," Br 5, 1997. reference considered, whe if not in conformance and	Thornton, Emily, "Going Belly-Up in Japan: Bank binge on borrowing," Business Week, The McGraw-5, 1997. reference considered, whether or not citation is if not in conformance and not considered. Include	Thornton, Emily, "Going Belly-Up in Japan: Bankruptcies are binge on borrowing," Business Week, The McGraw-Hill Compani 5, 1997. DATE CONSTRUCTIONS To conformant if not in conformance and not considered. Include copy of the conformance and not considered.	Thornton, Emily, "Going Belly-Up in Japan: Bankruptcies are soaring a binge on borrowing," Business Week, The McGraw-Hill Companies, Inc., 5, 1997.			

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m	AT	Barchard, David, "Cautious mortgage lenders redo their sums," Financial Times, Weekend June 20/June 21 1992.							
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nn	AT	12		, Jeffrey, "E	lectronic Bill-Paying : 25, 1989.	for the Little	Guy," Bus	iness Week,
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